



# ALTO ISD PROGRAMS OF STUDY

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## GUIDEBOOK



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This catalog is subject to change based on student interest / enrollment, state requirements, course availability, and industry-based certification recommendations.



# Welcome

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## WELCOME TO ALTO HIGH SCHOOL!

The high school experience is an exciting step as you begin to explore the pathways that will take you on your life's journey after you graduate. The Career & Technical Education (CTE) Programs of Study guidebook will help you make wise and thoughtful decisions that will put you in the best position for success in your world after high school.

Parents and students are urged to carefully review the information contained in this guide and to work closely with school counselors to develop a quality personal graduation plan. The guidebook showcases the endorsements available and highlights the Career & Technical Education (CTE) programs of study.

High school is about preparing for life after graduation. The experiences you gain through CTE courses will provide opportunities to obtain valuable knowledge about specific programs of study that interest you. Alto ISD offers a wide variety of CTE course offerings that will help you explore your desired career opportunities and certification programs designed to prepare you for life after high school.

It is important to know that in our global society, and with your qualifications and experiences, you will no longer just be competing with your friends and neighbors here in Alto or Cherokee County. You need to be prepared to be compared and measured against competitors for jobs locally, across our nation, and from around the world. Our goal is to provide you with a world-class education that positions you for success beyond your senior year.

Explore the guidebook and ask questions of your parents, teachers, and counselors, so that you can find the program that will best fit your needs and help you meet your educational goals. Now is the time to dream and explore the possibilities that life holds. We wish you all the best of luck on this exciting time in your life.

**“The best way to predict your future is to create it.” - Abraham Lincoln**

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# Planning Your High School Program

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**Alto Independent School District's Programs of Study Guide is designed to assist students, parents, teachers, and school personnel in making informed decisions while planning individual students' educational goals.**

The intention of a program of study is to provide a sequence of courses that prepare students for success in high demand, high wage, high skill careers in Texas. Students gain focused knowledge and skills aligned to career and industry standards through multiple years of scaffolded educational experiences.



**Planning a four-year high school program is a serious undertaking. The selection of your graduation plan is dependent on your interests and plans for future careers. Some questions to consider when making your plans are the following:**

- Will you continue your education at a university, college or in a trade or technical school?
- Do you want to learn academic or career skills in order to enter the full-time work force immediately after high school?
- Are you interested in mathematics, science, technology, engineering, or any other specialized field of study?
- Are you thinking of entering a profession that requires specialized education, such as teaching, medicine, or law?

The answers to these questions are extremely important when making decisions about your course selections for all four years in high school. Take some time to answer the questions before you begin. Your interests and desire to work hard should also guide your answers. It is common for young people to change their minds about what their course of study or career choice will be; others are still considering their options. As you consider your options, immediate decisions regarding your graduation plans will affect your future career choices. For that reason, we recommend that you plan a diverse and challenging academic program. By taking the most diverse and most challenging academic program available to you, your options will remain open in the event your career plans should change.

Alto ISD offers many ways to prepare for your future - to make certain that you have options. A wide range of programs prepare students for post-high school experiences, college, business school, technical school, military service, fine arts participation, and full-time employment. Additional areas are made available through the high school experience.

The programs offered allow a student to choose the high school program best for him/her. Outlined on the following pages are the graduation requirements for each of the state's graduation programs. Counselors and teachers will be helpful in advising you more specifically about programs offered.

# High School Graduation Requirements

## Students Entering High School at Alto ISD

During each year in high school at AISD, it is the expectation that all students enroll and complete the four core subject areas. This excludes courses taken for high school credit in middle school. Parents and students are encouraged to carefully consider college entrance requirements and career readiness standards set by institutions of higher education.

### Foundation (basic course credits) + Endorsement (additional credits required to pursue college and career)

| Foundation High School Program  | Foundation High School Program with Endorsements  | Foundation High School Program with Endorsements Distinguished Level of Achievement   |
|---|---|---|
| <b>22 Credits</b>   | <b>26 Credits</b>   | <b>26 Credits</b>   |
| <b>4 Credits English -</b><br>ELA I, II, III, one credit in any advanced English course<br><br><b>3 Credits Mathematics -</b><br>Algebra I, Geometry, and one credit in any advanced math course<br><br><b>3 Credits Science -</b><br>Biology, Chemistry or IPC, plus one additional advanced science course<br><br><b>3 Credits Social Studies -</b><br>World Geography or World History, US History, Gov't (.5), Economics (.5)<br><br><b>2 Credits Language other than English</b><br>in the same language<br><br><b>1 Credit Physical Education</b><br><br><b>1 Credit Fine Arts</b><br><br><b>5 Credits in Electives</b><br><br>Credit requirements specific to at least one endorsement | <b>4 Credits English -</b><br>ELA I, II, III, one credit in any advanced English course<br><br><b>4 Credits Mathematics -</b><br>Algebra I, Algebra II, and one credit in any advanced math courses<br><br><b>4 Credits Science -</b><br>Biology, Chemistry plus two additional advanced science courses<br><br><b>4 Credits Social Studies -</b><br>World Geography, World History, US History, Gov't (.5), Economics (.5)<br><br><b>2 Credits Language other than English</b><br>in the same language<br><br><b>1 Credit Physical Education</b><br><br><b>1 Credit Fine Arts</b><br><b>.5 Credit Speech</b><br><b>.5 Credit Health</b><br><b>5 Credits in Electives</b><br><br>Credit requirements specific to at least one endorsement | <b>4 Credits English -</b><br>ELA I, II, III, one credit in any advanced English course<br><br><b>4 Credits Mathematics -</b><br>Algebra I, Geometry, Algebra II, and one credit in any advanced math course<br><br><b>4 Credits Science -</b><br>Biology, Chemistry, plus two additional advanced science courses<br><br><b>4 Credits Social Studies -</b><br>World Geography, World History, US History, Gov't (.5), Economics (.5)<br><br><b>3 Credits Language other than English</b><br>in the same language<br><br><b>1 Credit Physical Education</b><br><b>1 Credit Fine Arts</b><br><b>.5 Credit Speech</b><br><b>.5 Credit Health</b><br><b>4 Credits in Electives</b><br><br>Credit requirements specific to at least one endorsement |

# Academic Recognitions

Students have the opportunity to earn additional recognitions in the following areas:

## Distinguished Level of Achievement

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. Earning the Distinguished Level of Achievement requires more math and more science than the Foundation High School Program.

The Distinguished Level of Achievement (DLA) will:

- Allow a student to compete for Top 10% automatic admissions eligibility at any Texas public university, except University of Texas which has more stringent admission requirements;
- Ensure the student is a more competitive applicant at the most selective colleges and universities

The Distinguished Level of Achievement Requires:

- A total of 26 graduation credits
- Algebra II
- Successful completion of at least one endorsement in the student's area of interest

## Performance Acknowledgements

There are four ways a student may earn the acknowledgement for outstanding performance by successfully completing the following:



**Dual Credit**



**Bilingualism & Biliteracy**



**Outstanding Performance on  
College Entrance Exams**



**Professional License or  
Certifications**



# Dual Credit

A student may earn a performance acknowledgement on the student's diploma and transcript for outstanding performance in a dual credit course by successfully completing:

- 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0 or
- An associate degree while in high school



# Bilingualism & Biliteracy

A student may earn a performance acknowledgement on the student's transcript for outstanding performance in Bilingualism and Biliteracy as follows:

- A student may earn a performance acknowledgement by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:
  - Completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
- Satisfying one of the following:
  - Completion of a minimum of three credits in the same language in a language other than English with a minimum GPA equivalent to 80 on a scale of 100; or
  - Demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA equivalent to 80 on a scale of 100; or
  - Completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
  - Demonstrated proficiency in one or more languages other than English through one of the following methods:
    - A score of 3 or higher on a College Board Advanced Placement examination for a language other than English; or
    - A score of 4 or higher on an International Baccalaureate examination for higher-level languages other than English course; or
    - Performance on a national assessment of language proficiency in a language other than English of at least intermediate high or its equivalent.
- In addition to meeting the requirements of paragraph (1) of this subsection, to earn a performance acknowledgement in Bilingualism and Biliteracy, an English language Learner must also have:
  - Participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and
  - Scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).





# Outstanding Performance on College Entrance Exams

A student may earn a performance acknowledgement on the student's diploma and transcript for outstanding performance on the PSAT, the ACT-Aspire, the SAT, or the ACT, by:

- Earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) that qualifies the student for recognition as a commended scholar or higher by the National Merit Scholarship Corporation or as an awardee of the National Recognition Programs of the College Board;
- Earning a composite score of 442 on the ACT Aspire™ examination;
- Earning a composite score of 29 on the ACT PreACT® examination;
- Earning a composite score of at least 1350 on the SAT®; or
- Earning a composite score on the ACT® examination of 29 (excluding the writing subscore)



# Professional License or Certifications

A student may earn a performance acknowledgement on the student's diploma and transcript for earning a nationally or internationally recognized business or industry certification or license with:

- Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification or
- Performance on an examination or series of examinations sufficient to obtain a government-required credential to practice a profession

Nationally or internationally recognized business or industry certification shall be defined as an industry validated credential that complies with knowledge and skills standards promulgated by a nationally or internationally recognized business, industry, professional, or government entity representing a particular professional or occupation that is issued by or endorsed by:

- A national or international business, industry, or professional organization
- A state agency or other government entity or
- A state-based industry association

Certifications or licensures for performance acknowledgements shall:

- Be age appropriate for high school students
- Represent a student's substantial course of study and/or end-of-program knowledge and skills
- Include an industry recognized examination or series of examinations, an industry validated skill test, or demonstrated proficiency through documented, supervised field experience and
- Represent substantial knowledge and multiple skills needed for successful entry into a high-skill occupation.

# Additional Graduation Information



## IMPORTANT ENDORSEMENT INFORMATION

Students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

- All endorsements require the completion of four (4) math and four (4) science credits.
- Endorsements are originally decided in 8th grade and must be declared in writing.
- Students have until their sophomore year to change endorsements.

## PERSONAL GRADUATION PLAN

- Each student will have a 4-year Personal Graduation Plan created during the spring of 8th grade with the help of a guidance counselor.
- Parent participation is VITAL! Parents should meet with their child's counselor to discuss the plan and are required to approve the plan in writing before students register for their high school courses.
- Each year after, the PGP will be revised with the student, parent, and counselor, according to the student's interests and needs.

## EXIT LEVEL TEST REQUIREMENTS

Students who entered 9th grade in 2011-2012 and thereafter will take the State of Texas Assessments of Academic Readiness (STAAR). This assessment will replace the Texas Assessment of Knowledge and Skills (TAKS). Students take the assessments when they complete the course.

For additional information on requirements for STAAR and End of Course, please visit [www.tea.state.tx.us/studentassessment/staar](http://www.tea.state.tx.us/studentassessment/staar).

# Career & Technical Education (CTE)



## EXPLORING YOUR CAREER OPTIONS:

If you are considering going straight into the workforce or into a technical training program following graduation, you still need to complete your high school education and earn a high school diploma. Participation in CTE programs increase wages, probability and consistency of employment, and leads to higher quality jobs. CTE WORKS!

### While in high school, you will want to:

**Look** at the five endorsements offered under the Foundation High School Program

**Determine** your area of interest

**Complete** your selected endorsement along with the required foundation program to earn your high school diploma

**Learn** about available jobs, and any required post-high school or technical training

**Explore** new career opportunities

**Research** wage and occupation information, required levels of education and training requirements

**Discover** your interests and abilities, use labor market resources at [www.texasrealitycheck.com](http://www.texasrealitycheck.com)



# Endorsement Choices



Career and technical education programs offer a sequence of courses that provide students with coherent and rigorous content. CTE content is aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

## BUSINESS & INDUSTRY

Includes highly varied occupations in both service and manufacturing industries. These endorsements range from industrial and technical trades, business, marketing & finance, graphic design occupations, as well as information technology.

### Programs of Study Include:

- Animal Science
- Applied Agricultural Engineering
- Digital Communications

## PUBLIC SERVICES

Includes service-oriented occupations for both private and public sector industries, including human service and healthcare fields.

### Programs of Study Include:

- Healthcare Therapeutic
- Teaching & Training

## CAREER CLUSTER INTEREST INVENTORY

Consider how you like to spend your time and what you think is interesting. Rate each activity according to your interest level with a 0, 1 or 2. Add the numbers in each box. The highest totals reveal the career fields in which you are most interested. Circle 3 boxes with the highest totals to research for specific jobs.

- \_\_\_ Provide medical care for sick or injured people
- \_\_\_ Learn/read about healthcare topics
- \_\_\_ Deal with bodily fluids
- \_\_\_ Work in a hospital, ER or clinical environment
- \_\_\_ Assist with medical procedures/operations
- \_\_\_ Perform first aid in an emergency situation

\_\_\_ **TOTAL FOR HEALTH SCIENCE CAREERS**

- \_\_\_ Farming with vegetables, fruits or plants
- \_\_\_ Spend time at state parks
- \_\_\_ Spend time caring for the environment
- \_\_\_ Ranching/raising animals
- \_\_\_ Provide daily care for animals
- \_\_\_ Provide medical care for animals

\_\_\_ **TOTAL FOR AGRICULTURAL CAREERS**

- \_\_\_ Work in a creative/competitive environment
- \_\_\_ Budget, track, oversee funds and expenditures
- \_\_\_ Use information technology programs
- \_\_\_ In charge of committees and people
- \_\_\_ Develop and present information and campaigns
- \_\_\_ Provide customer service

\_\_\_ **TOTAL FOR BUSINESS/FINANCE/MARKETING CAREERS**

- \_\_\_ Tutor, instruct and help others learn
- \_\_\_ Assist others with technology, academics and skills
- \_\_\_ Present information to a group
- \_\_\_ Manage a classroom or group
- \_\_\_ Work in a group or classroom setting
- \_\_\_ Plan curriculum and materials for a group

\_\_\_ **TOTAL FOR EDUCATION AND TRAINING CAREERS**

- \_\_\_ Enjoys food prep, cooking, baking, serving, tourism or hospitality activities
- \_\_\_ Oversee recreation or manage a hotel/restaurant
- \_\_\_ Cosmetology, barbering or spa services
- \_\_\_ Work with public and support their needs
- \_\_\_ Plan educational or rec activities, trips or services
- \_\_\_ Provide guided tours or lessons, instruction or service

\_\_\_ **TOTAL FOR HOSPITALITY, TOURISM AND RECREATIONAL CAREERS**

- \_\_\_ Learn about scientific events and topics
- \_\_\_ Visit museums, planetariums or tech forums
- \_\_\_ Study elements of numbers or computers
- \_\_\_ Perform experiments, projects or figure equations
- \_\_\_ Study space, motion, chemicals, elements, numbers or coding
- \_\_\_ Excel in comparison to peers in science, technology, engineering and math (STEM) areas

\_\_\_ **TOTAL FOR SCIENCE, ENGINEERING AND MATH CAREERS**

- \_\_\_ Coordinate services or assistance for others
- \_\_\_ Provide counseling or guidance
- \_\_\_ Listen and care about others' difficulties
- \_\_\_ Provide solutions to others' difficulties
- \_\_\_ Learn about human behavior and life stages
- \_\_\_ Work with families and/or children

\_\_\_ **TOTAL FOR HUMAN SERVICES CAREERS**

- \_\_\_ Write/read virtual information, articles or reviews
- \_\_\_ Utilize talents to communicate info to others
- \_\_\_ Attend public events or perform in them
- \_\_\_ Create media projects, campaigns or productions
- \_\_\_ Dancing, acting, singing, painting, sculpting or creating
- \_\_\_ Gaining inspiration from graphics, art or other media elements

\_\_\_ **TOTAL FOR ARTS AND COMMUNICATION CAREERS**





- \_\_\_ Repair computers or devices
- \_\_\_ Develop or install computer programming
- \_\_\_ Design apps or webpages
- \_\_\_ Learn about cybersecurity or computer systems
- \_\_\_ Utilize computer animation and graphics
- \_\_\_ Design graphic layouts with computer programs

\_\_\_ **TOTAL FOR INFORMATION TECHNOLOGY CAREERS**

- \_\_\_ Safely operate equipment and industrial tools
- \_\_\_ Weld or build items/projects to standard code
- \_\_\_ Remodel or build according to blueprints
- \_\_\_ Use computer software to create designs
- \_\_\_ Able to perform construction math
- \_\_\_ Oversee purchase/use of project materials

\_\_\_ **TOTAL FOR ARCHITECTURE AND CONSTRUCTION CAREERS**

- \_\_\_ Awareness of effects and causes of the energy industry market's status
- \_\_\_ Use physical labor to work on natural energy sites
- \_\_\_ Learn about the equipment/process related to energy
- \_\_\_ Comply with inspection requirements at sites
- \_\_\_ Run or be a part of a crew related to an energy site

\_\_\_ **TOTAL FOR ENERGY AND NATURAL RESOURCES CAREERS**

- \_\_\_ Set up or repair electrical controls/wiring
- \_\_\_ Fix appliances, electrical monitors or electronics
- \_\_\_ Build robots/electronic devices
- \_\_\_ Make or use blueprints/instructions
- \_\_\_ Operate machinery
- \_\_\_ Work with hands-on tools and items

\_\_\_ **TOTAL FOR MANUFACTURING CAREERS**

- \_\_\_ Learn about city, state or federal laws/policies
- \_\_\_ Enforce or perform methods that serve the public
- \_\_\_ Protect and/or serve the public over yourself
- \_\_\_ Write reports that document public services given
- \_\_\_ Learn about historical court cases
- \_\_\_ Use technology equipment related to public service

\_\_\_ **TOTAL FOR LAW ENFORCEMENT AND PUBLIC SERVICE CAREERS**

- \_\_\_ Work on vehicles, boats, planes or equipment
- \_\_\_ Arrange transportation of products or people
- \_\_\_ Drive vehicles, boats, planes or equipment
- \_\_\_ Learn about computers used to repair vehicles
- \_\_\_ Personally deliver products or items
- \_\_\_ Drive heavy equipment or lifts

\_\_\_ **TOTAL FOR TRANSPORTATION AND DISTRIBUTION/LOGISTICS CAREERS**

## REFLECTION QUESTIONS

● List your three highest-ranking career fields below.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

● Within those career fields, what specific jobs are you interested in? \_\_\_\_\_

\_\_\_\_\_



## GOAL SETTING

Student's name: \_\_\_\_\_

### THINGS TO THINK ABOUT

- ☐ Review your results from all your inventories
- ☐ The reason I am interested in this program of study is \_\_\_\_\_
- ☐ Research two programs of study using the charts and resources provided

[www.texasrealitycheck.com](http://www.texasrealitycheck.com) [www.texascareercheck.com](http://www.texascareercheck.com) [www.careeronestop.org/videos](http://www.careeronestop.org/videos) [www.txcrews.org](http://www.txcrews.org)

#### CHOICE #1

Program of study: \_\_\_\_\_

Specific job in the future: \_\_\_\_\_

Does it match your values, strengths and interests?

☐ Yes ☐ No

Wage per year? \_\_\_\_\_

Will it provide the lifestyle you want?

☐ Yes ☐ No

How many job openings were in this career last year in the area you want to live in? \_\_\_\_\_

How many years/months of education required after high school? \_\_\_\_\_

What college major or certificate will it require?

\_\_\_\_\_  
With whom can you talk to gain more information?

\_\_\_\_\_  
Where can you get this degree/certificate?

\_\_\_\_\_  
Other information: \_\_\_\_\_

\_\_\_\_\_

#### CHOICE #2

Program of study: \_\_\_\_\_

Specific job in the future: \_\_\_\_\_

Does it match your values, strengths and interests?

☐ Yes ☐ No

Wage per year? \_\_\_\_\_

Will it provide the lifestyle you want?

☐ Yes ☐ No

How many job openings were in this career last year in the area you want to live in? \_\_\_\_\_

How many years/months of education required after high school? \_\_\_\_\_

What college major or certificate will it require?

\_\_\_\_\_  
With whom can you talk to gain more information?

\_\_\_\_\_  
Where can you get this degree/certificate?

\_\_\_\_\_  
Other information: \_\_\_\_\_

\_\_\_\_\_

### FINAL REFLECTION

☐ What are your next steps? \_\_\_\_\_

☐ What are your goals? \_\_\_\_\_

\_\_\_\_\_

“CTE classes helped me develop a new appreciation for learning about new subjects.” Josh, TJC student

# AGRICULTURE

The Agriculture program of study explores occupations and educational opportunities associated with the business of farming and agricultural-related businesses that include farm inputs, such as machinery and seeds. This program of study may also include exploration into the marketing of farm products, the purchase of farm products either for further processing or resale, and grading or classifying unprocessed food or other agricultural products.

## CAREERS

### **Agricultural Advertising & Promotions Manager**

Average Salary: **\$94,515**

### **Farmers, Ranchers, & Other Agricultural Managers**

Average Salary: **\$59,134**

### **Buyers & Purchasing Agents, Farm Products**

Average Salary: **\$46,488**

### **Agricultural and Food Science Technicians**

Average Salary: **\$34,382**

### **Agricultural Engineers**

Average Salary: **\$64,792**



# ANIMAL SCIENCE / APPLIED AGRICULTURE ENGINEERING

| LEVEL | ANIMAL SCIENCE   | APPLIED AGRICULTURAL ENGINEERING   |
|-------|--|--|
| 1     | Principles of Agriculture, Food, & Natural Resources   | Principles of Agriculture, Food, & Natural Resources                           |
| 2     | Small Animal Management / Equine Science   | Agricultural Mechanics & Metal Technologies                                    |
| 3     | Livestock Production   | Agricultural Structures, Designs, & Fabrications<br>Agricultural Power Systems |
| 4     | Veterinary Medical Applications / Lab<br>Advanced Animal Science<br>Practicum in Agriculture | Agricultural Equipment Design & Fabrication                                    |

Specific course offerings and availability are subject to change due to interest and enrollment. It is the policy of Alto Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups.





# ARTS, A/V TECHNOLOGY & COMMUNICATIONS

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The Arts, A/V Technology and Communications Career Cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

## CAREERS

### Graphic Designers

Average Salary: **\$44,824**

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### Multimedia Artists & Animators

Average Salary: **\$67,392**

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### Sound Engineering Technicians

Average Salary: **\$39,562**

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### Camera Operators, Television, Video, & Motion Picture

Average Salary: **\$50,024**

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### Audio & Video Equipment Technicians

Average Salary: **\$40,581**



# DIGITAL COMMUNICATIONS

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| LEVEL | DIGITAL COMMUNICATIONS                                      |
|-------|---|
| 1     | Principles of Arts, Audio/Video Technology & Communications |
| 2     | Audio/Video Production I                                    |
| 3     | Audio/Video Production II                                   |
| 4     | Practicum in Audio/Video Production                         |

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# EDUCATION

Students pursuing specialized careers in the Education Pathway will gain knowledge in planning, managing and providing education and training services, and related learning support services. The program of study introduces CTE concentrators to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.

## CAREERS

### Education Administrators

Average Salary: **\$72,950**

### Elementary Teacher

Average Salary: **\$54,140**

### Special Education Teachers

Average Salary: **\$55,670**

### Career & Technical Education Teacher

Average Salary: **\$56,360**

### Middle School Teachers

Average Salary: **\$54,510**





# TEACHING & TRAINING



| LEVEL | TEACHING & TRAINING                |
|-------|------------------------------------|
| 1     | Principles of Education & Training |
| 2     | Human Growth & Development         |
| 3     | Instructional Practices            |
| 4     | Practicum in Education & Training  |

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# HEALTH SCIENCE

Students pursuing specialized careers in health fields or opportunities to work in a support occupation or internship toward degrees at affiliated universities thrive in a stimulating, supportive environment. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively.

## CAREERS

### Medical Assistants

Average Salary: **\$29,598**

### Exercise Physiologists

Average Salary: **\$41,662**

### Surgical Technologists

Average Salary: **\$45,032**

### Dental Hygienists

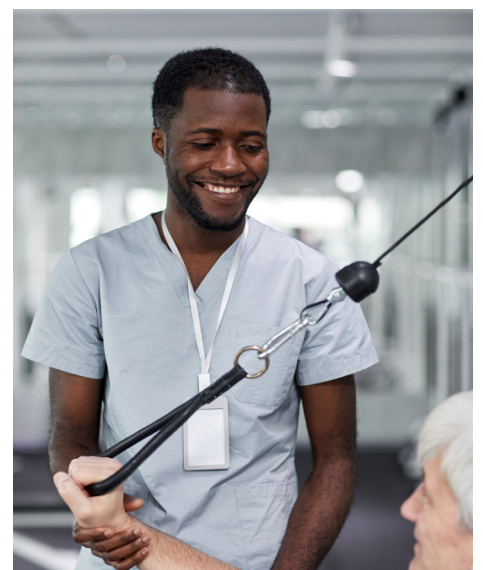
Average Salary: **\$73,507**

### Speech Language Pathologists

Average Salary: **\$73,070**

### Respiratory Therapists

Average Salary: **\$57,429**



# HEALTHCARE THERAPEUTIC



| LEVEL | HEALTHCARE THERAPEUTIC   |
|-------|--|
| 1     | Principles of Health Science   |
| 2     | Medical Terminology  |
| 3     | Anatomy & Physiology<br>Health Science Theory /<br>Health Science Clinical |
| 4     | Practicum in Health Science  |

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# Certifications

|   |  |   |
|---|--|---|
| <b>ANIMAL SCIENCE</b>                   | Certified Veterinarian Assistant, Level 1                              | Feedyard Technician in Cattle Care and Handling             |
|   | Elanco Fundamentals of Animal Science Certification (iCEV)             | Elanco Veterinary Medical Applications Certification (iCEV) |
| <b>APPLIED AGRICULTURAL ENGINEERING</b> | AWS Certified Welder   |   |
| <b>DIGITAL COMMUNICATIONS</b>           | Adobe Certified Professional in Digital Video Using Adobe Premiere Pro |   |
| <b>HEALTHCARE THERAPEUTIC</b>           | Certified Patient Care Technician (CPCT)                               |   |
| <b>TEACHING &amp; TRAINING</b>          | Educational Aide I   |   |

# Dual Credit Offerings

Alto High School has entered into an exclusive Dual Credit Concurrent Enrollment Partnership Agreement with Angelina College in Lufkin, Texas. Courses taken for Dual Credit at Angelina College only will count toward high school credits and weighted grade point averaging at Alto High School. Courses may be taken either in person on the Angelina College campus or via the internet.

Articulation agreements between Alto High School and Angelina College have been established for the following courses only, beginning June 1, 2010.

- ENGLISH 1301 articulates as ENGLISH IV, FALL SEMESTER
- ENGLISH 1302 articulates as ENGLISH IV, SPRING SEMESTER
- HISTORY 1301 articulates as UNITED STATES HISTORY, FALL SEMESTER
- HISTORY 1302 articulates as UNITED STATES HISTORY, SPRING SEMESTER
- GOVERNMENT 2305 articulates as HIGH SCHOOL GOVERNMENT (1 SEMESTER)
- ECONOMICS 2301 articulates as HIGH SCHOOL ECONOMICS (1 SEMESTER).

Alto High School students have the option (on their own) to enroll concurrently in additional college courses (i.e. Speech, Psychology, etc.). These courses, however, will not be counted for high school credit.

# NOTES

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# NOTES

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# ALTO HIGH SCHOOL

## 9<sup>TH</sup> GRADE COURSE SELECTION SHEET



Student Name: \_\_\_\_\_ Date: \_\_\_\_\_ Student ID: \_\_\_\_\_ Grade: \_\_\_\_\_ Cohort Year: \_\_\_\_\_

| MY GRADUATION PLAN TYPE IS:                 |
|---|
| ____ Foundation = 22 Credits                |
| ____ With Endorsement = at least 26 Credits |
| ____ Distinguished *                        |
| <b>Endorsement:</b>                         |
| ____ STEM                                   |
| ____ Business and Industry                  |
| ____ Arts and Humanities                    |
| ____ Public Service                         |
| ____ Multidisciplinary Studies              |

| MY POST HIGH SCHOOL PLANS WILL TAKE ME TO: |
|--|
| (Number in order of goals)                 |
| ____ Two Year College                      |
| ____ Four Year College                     |
| ____ Technical Training                    |
| ____ Employment                            |
| ____ Military                              |
| ____ Other                                 |

| STAAR EOC DATA: |
|-----------------|
| ____ English I  |
| ____ English II |
| ____ Algebra I  |
| ____ US History |
| ____ Biology    |

| GRADUATION REQUIREMENT: | FOUNDATION: | ENDORSEMENT 4-YEAR COHERENT COURSE SEQUENCE: | CAREER PATH:  |
|-------------------------|-------------|--|---|
| English                 |             |  | <b>College or University</b><br><br>1. _____<br>2. _____<br><br><b>Career</b><br><br>1. _____<br>2. _____ |
| Mathematics             |             |  |   |
| Science                 |             |  |   |
| Social Studies          |             |  |   |
| Foreign Language        |             |  |   |
| Fine Arts               |             |  |   |
| PE                      |             |  |   |
| CTE Course              |             |  |   |
| Elective                |             |  |   |
| Total Credit            |             |  |   |

| 9 <sup>TH</sup> GRADE | 10 <sup>TH</sup> GRADE | 11 <sup>TH</sup> GRADE | 12 <sup>TH</sup> GRADE |
|-----------------------|------------------------|------------------------|------------------------|
|                       |                        |                        |                        |
|                       |                        |                        |                        |
|                       |                        |                        |                        |
|                       |                        |                        |                        |
|                       |                        |                        |                        |
|                       |                        |                        |                        |
|                       |                        |                        |                        |

The benefits of a graduation plan that includes earning one or more endorsements and the distinguished level of achievement, postsecondary education opportunities, automatic admittance and eligibility for financial aid have been explained to me. (Chapter 74. Curriculum Requirements, Subchapter B. Graduation Requirements.)

Student Signature: \_\_\_\_\_ Parent / Guardian Signature: \_\_\_\_\_

Counselor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# ALTO

## INDEPENDENT SCHOOL DISTRICT

### CTE Non-Discrimination Statement

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Alto ISD offers career and technical education programs in programs of study. Admission to these programs is based on admission standards.

It is the policy of Alto ISD not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Alto ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

Alto ISD will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator Amber Middleton at 936-858-7115 or 504 Coordinator LeAnn Jones at 936-858-7141, [ljones@alto.esc7.net](mailto:ljones@alto.esc7.net)

### Notificación Publica De No Discriminación En Programas De Educación Técnica Y Vocacional

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Alto ISD ofrece programas de educación profesional y técnica en programas de estudio. La admisión a estos programas se basa en los estándares de admisión.

La poliza de Alto ISD es no discriminar por motivos de raza, color, origen nacional, sexo o discapacidad en sus programas, servicios o actividades vocacionales y brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados según lo exige el Título VI. de la Ley de Derechos Civiles de 1964, según enmendada; Título IX de las Enmiendas Educativas de 1972; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmendada.

La poliza de Alto ISD no discriminar por motivos de raza, color, origen nacional, sexo, discapacidad o edad en sus prácticas de empleo según lo exige el Título VI de la Ley de Derechos Civiles de 1964, enmendada; Título IX de las Enmiendas Educativas de 1972; la Ley de Discriminación por Edad de 1975, enmendada; y la Sección 504 de la Ley de Rehabilitación de 1973, según enmendada.

Alto ISD tomará medidas para garantizar que la falta de conocimientos del idioma inglés no sea una barrera para la admisión y participación en todos los programas educativos y vocacionales.

Para obtener información sobre sus derechos o procedimientos de queja, comuníquese con el Coordinador del Título IX Amber Middleton al 936-858-7115 o Coordinador del 504 LeAnn Jones al 936-858-7141, [ljones@alto.esc7.net](mailto:ljones@alto.esc7.net)

# ALTO

## INDEPENDENT SCHOOL DISTRICT

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## CONNECT WITH US



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